

A METHOD FOR PLACEMENT OF DATA FOR VISUALIZATION OF
MULTIDIMENSIONAL DATA SETS USING MULTIPLE PIXEL BAR CHARTS

ABSTRACT OF THE DISCLOSURE

- 5 A method for effective placement of data for visualization of multidimensional data sets using multiple pixel bar charts. Data is received comprising a plurality of records, each record having a plurality of attributes. From the plurality of attributes, a set of attributes is determined for placement of the plurality of records in a graphically displayable array comprising a plurality of data points, each data point
- 10 representing one record of the plurality of records. In one embodiment, the graphically displayable array is a pixel bar chart. The plurality of records are arranged to construct the pixel bar chart for presenting the data in a format for detecting relationships between the plurality of records. The present invention provides a pixel visualization technique having a method of optimal data placement to resolve the
- 15 locality and ordering constraints.